






ALEXANDER ZIMMERER

 TEAM MANAGER |  INNOVATION LEADER |
 COACH & MENTOR |  SYSTEM ARCHITECT |
 AGILE & SCRUM MASTER



CONTACT

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 [LinkedIn](#)
 [Portfolio](#)

SKILLS

- Autonomous driving & ADAS
- System Design & MBSE
- Functional Safety
- Software architecture & model-based development
- Matlab/Simulink
- C/C++
- Python
- ROS2
- GitHub
- MS Office

LANGUAGES

- German (native language)
- English (C1 - proficient)
- French (B2 - proficient)
- Spanish (A2 - basic knowledge)



ABOUT ME

Experienced Team Manager with over 10 years in System Engineering & Software Architecture, specializing in Autonomous Driving, Functional Safety, and Model-Based Development. Strong leadership skills, innovation-driven, and experienced in managing complex technology projects across multiple locations. Passionate about agile methodologies, technological innovations, and developing high-performing teams.



PROFESSIONAL EXPERIENCE

Continental / Elektrobit Automotive GmbH 08/2023 - HEUTE

Team Manager System Engineering & Software Architecture

- Management of a 28-member team across three locations with a focus on ADAS, robotics, and drone projects
- Development and implementation of strategic objectives to optimize software and system architecture
- Technical consulting in MBSE, functional safety, SOTIF, and AI
- Project management and resource planning with a focus on customer satisfaction and innovation
- Coaching and development of talents to enhance team performance

Achievements:

- Acceleration and increased transparency of innovation cycles through the implementation of a cross-organizational and scalable agile development framework
- Successful acquisition of funding for robotics and drone projects
- Effective hybrid team leadership across multiple locations

Continental / Elektrobit Automotive GmbH 07/2021 - 07/2023

Senior Expert System Engineering & Software Architecture

- Use case analysis and system design for L2/L4 assistance systems with consideration of functional safety and cyber security
- Technical leadership of the "Cruising in Lane" (L4) feature team as SCRUM Master
- Development of innovative positioning and control functions for drones
- Co-initiator of the process description for model-based software development
- Acquisition and implementation of new projects, including innovation patents

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🎯 COACH & MENTOR | 🏗️ SYSTEM
ARCHITECTURE | 🔄 AGILE & SCRUM MASTER

SOFT SKILLS

- Innovation
- Agility
- Leadership
- Customer Focus
- Strategic thinking
- Building trust

CERTIFICATS

- Certified SAFe® 5 Scrum Master | SAFe®
- University Certificate Innovation-Coaching | OTH Regensburg
- Nanodegrees | Udacity:
 - Self-Driving Car Engineer
 - AI Programming with Python

HOBBIES & INTERESTS

- Bikepacking
- Climbing
- Ski-Mountaineering
- Culinary
- DIY

Continental / Vitesco Technologies, Toulouse (FR)

05/2019 - 06/2021

Function Pilot - ECU Software Development

- Project coordination and requirements management for 48V mild-hybrid ECUs
- Development of system architecture and control strategies for hybrid vehicles
- Interface between software development, testing, and vehicle integration

Continental Automotive GmbH

10/2015 - 04/2019

Function & System Engineer - Exhaust Aftertreatment

- Component responsibility for exhaust aftertreatment systems worldwide
- Series implementation of a closed-loop temperature control algorithm
- Four patent applications for innovative control algorithms



PROJECTS & INNOVATIONS

Development of a radar-based positioning algorithm for drones

System development of an L2 & L4 fallback system.s

Patent applications and innovation projects in the field of autonomous driving, AI, and powertrain



EDUCATION

Master of Science, Automotive-Engineering

University of Stuttgart

Grade: 1,6

Bachelor of Science, Mechatronic Engineering

Mannheim University of Applied Science

Grade: 1,2